



Acacia Evolution Water Evolution

The Evolution of Design & Technology

American Standard

Raising The Standard

"THIS IS EVOLUTION."

KHUMTONG JANSUWAN

CHIEF DESIGNER, AMERICAN STANDARD ASIA PACIFIC







Acacia Evolution Water Evolution

Inspired by form and simplicity, Acacia Evolution's design exhibits soft, thin edges. It is also technologically equipped with a powerful flushing system, anti-bacterial touch-points and other revolutionary enhancements.





KHUMTONG JANSUWAN

Khumtong, Chief Designer of American Standard Asia Pacific, has more than 24 years of experience in industrial bathroom designs.

His inspiration originates from his Asian roots and environment. Mesmerized by the DNA of Asian emotional colors and design elements, his work combines New and Traditional Asian cultures to create product designs that encapsulate simplicity.





DOUBLE VORTEX

MAXIMUM FLUSHING PERFORMANCE, MINIMUM WATER USAGE

The design of the bowl propels the water forward and creates a strong flushing momentum.



100% of the water is ejected through two water openings.



Momentum and power are created by the design of the bowl and force of the water.



The resulting 'vortex' of water cleans the entire surface of the bowl.



RIMLESS

HYGIENIC AND EASY TO CLEAN

Double Vortex is a rimless flushing system that effectively cleans the entire bowl interior, preventing dirt and deposits from building up. This rimless design makes it easy to clean as no dirt can accumulate over time.



All water flows out from the top of the bowl, cleaning the inner surface of the bowl.

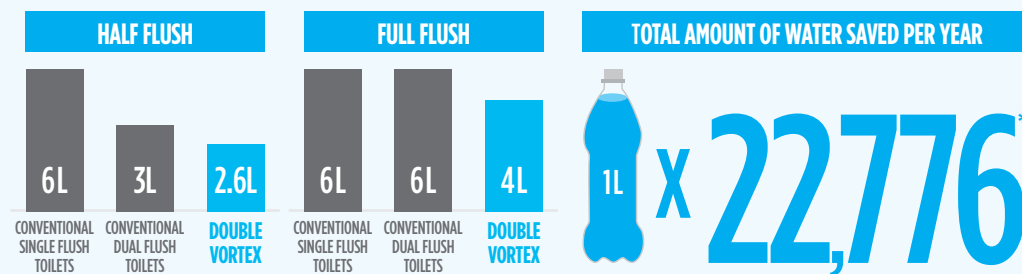


WATER- SAVING

USES ONLY 2.6L FOR HALF FLUSH AND 4L FOR FULL FLUSH

Apart from boasting an efficient flushing system, Double Vortex uses 2.6 litres of water for half flush and 4 litres for full flush. This equates to approximately 22,776 litres of water saved in a year for a family of 4.

COMPARISON IN WATER SAVINGS BETWEEN CONVENTIONAL AND DOUBLE VORTEX FLUSHING SYSTEMS



Calculation criterion is as follows. Average family number: four people.
Average usage number of times: five times/per person per day (full-flush: one time, half-flush: four times)

* Water savings is based on conventional Single Flush Toilets versus Double Vortex



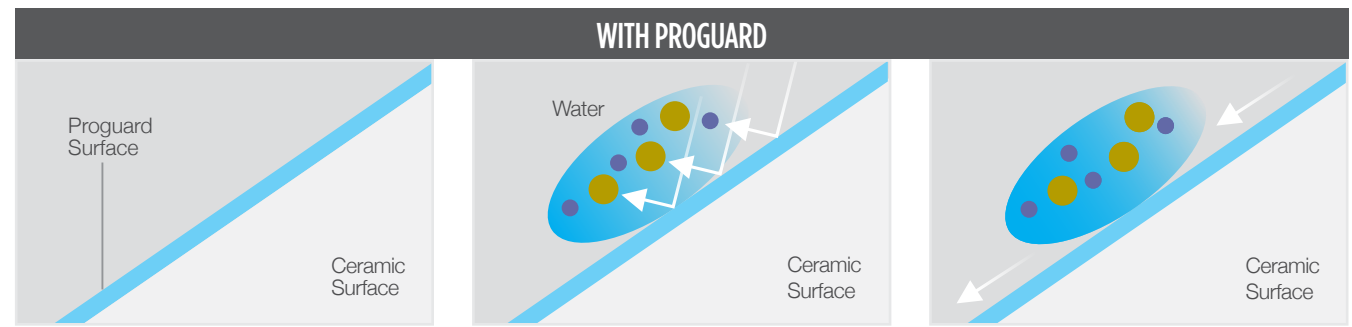


PROGUARD

GUARDS AGAINST WATER STAINS

Proguard, a revolutionary technology which is applied to the ceramics, inhibits the build-up of water stains, making cleaning a breeze.

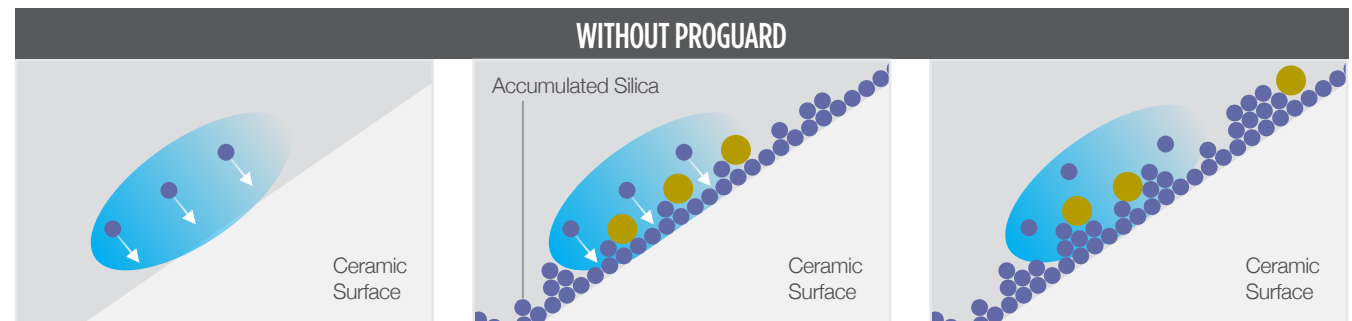
Water stains on ceramic wares are often caused by silica, which occurs naturally in water. Silica bonds chemically with ceramic surfaces, causing water stains. Proguard, a revolutionary technology which is applied to the ceramics, prevents silica in the water from adhering to the surface. This results in easier maintenance and a cleaner bowl.



Proguard is applied to the ceramic surface.

Dirt and silica in water cannot adhere easily on the surface.

Stains can be easily removed.



Conventional toilets without Proguard makes it easy for silica in water to be attracted to its surface.

Silica found in water, bonds with the ceramic surface causing the surface to be jagged over time. This makes it easy to trap dirt and silica.

This is how water stains occur. Over time, these stains become harder to remove.

Legend:

- Dirt
- Silica





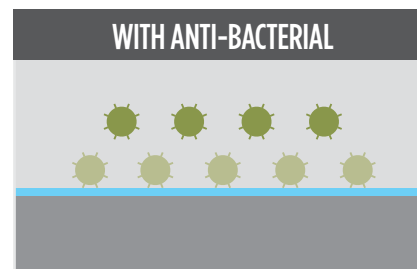
ANTI-BACTERIAL FINISH

TOTAL HYGIENE PROTECTION

American Standard's anti-bacterial finish covers all essential touch points, including the push button, seat and cover to provide an ultimate hygienic environment.



Over time, bacteria breeds on a conventional toilet's surface.



With Anti-bacterial finish, it effectively inhibits the growth of bacteria.



American Standard is the first in the industry to meet the *Japan Industrial Standard (JIS Z 2801:2010) for this anti-bacterial technology on the push button. This technology is also applied on the seat and cover to provide a more hygienic environment.

*Japan Industrial Standard (JIS Z 2801:2010) is the standard established by Japan Industrial Standard to test for anti-bacterial activity and efficacy.

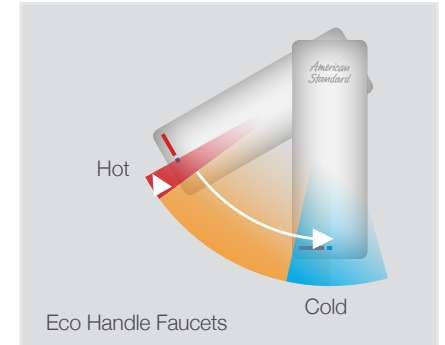
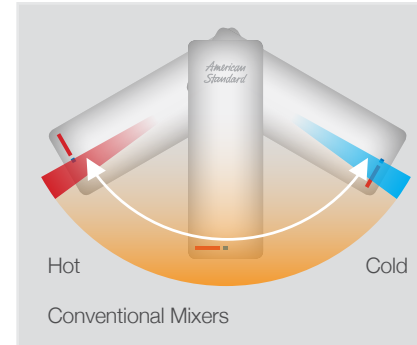




ECO HANDLE FAUCETS

PROVIDES UP TO 30% ENERGY SAVINGS

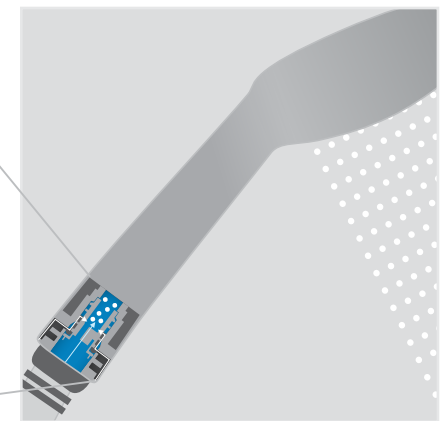
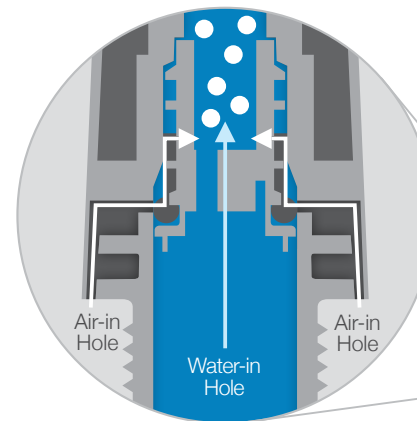
Unlike conventional mixers, Acacia Evolution's Eco Handle releases cold water instead of warm water upon lifting the lever. This saves you precious energy as it prevents the boiler from heating up, resulting up to 30% energy savings. To get hot water, you only need to move the lever to the left.



AIRNERGIZE TECHNOLOGY

A LUXURIOUS SHOWER WITH 20% WATER SAVINGS

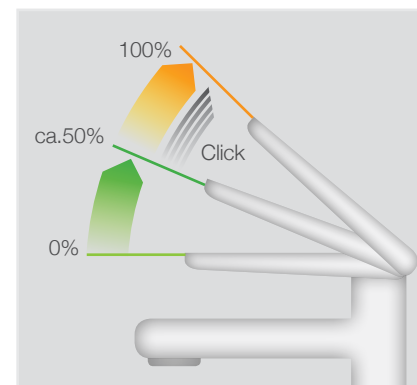
Airnergize Technology in Acacia Evolution handshower provides you with a luxurious shower experience. The technology works by drawing air into the water stream via a cleverly concealed opening at the bottom of the handshower. The water droplets are infused with air bubbles, giving you a feeling of a full shower spray, yet saving water by 20%.



CLICK TECHNOLOGY

PREVENTS WATER WASTAGE

By providing a resistance midway when lifting the lever, this technology gives you better water volume control, saving you precious water.



Acacia Evolution Collection



TOILETS

Product Description	Wall Hung Toilet *	Back-To-Wall Wall Hung Toilet *	Shower Toilet – Manual / Auto Version
Dimensions	376W x 555L x 360H	376W x 555L x 390H	414W x 649L x 549H
Litres Per Flush	2.6 / 4 Litres	2.6 / 4 Litres	3.5 / 5 Litres
Technology	Double Vortex, Proguard, Anti-bacterial (Push Button, Seat & Cover)	Double Vortex, Proguard, Anti-bacterial (Push Button, Seat & Cover)	Deodoriser, Bidet Functions, Instant Heating, Automatic Flushing
Roughing-In/ Trapway	P-Trap 220 mm	S-Trap 70 mm, P-Trap 190 mm	S-Trap 305 mm



BATHTUB

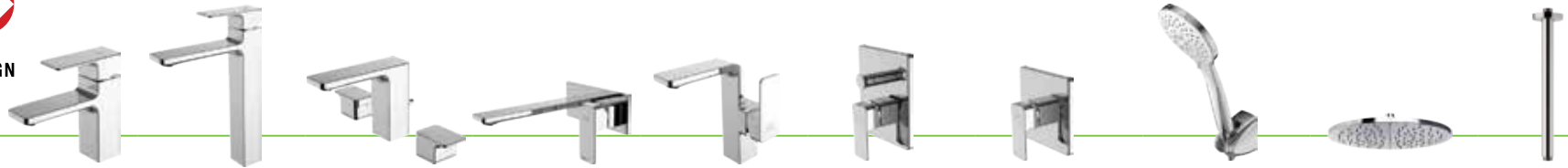
Product Description	Free Standing Bathtub
Dimensions	1705L x 855W x 590H
Capacity (To Overflow)	362 (289) Litres



LAVATORIES

Product Description	600mm Wall Hung Lavatory	600mm Wash Basin with Semi Pedestal	600mm Rectangular Vessel	Round Vessel	500mm Semi Recessed Lavatory
Dimensions	460W x 600L x 181H	460W x 600L x 460H	460W x 600L x 181H	400W x 400L x 181H	460W x 500L x 181H
Technology	Proguard	Proguard	Proguard	Proguard	Proguard

* Please check with your country's sales representatives for launch dates



FITTINGS

Product Description	Basin Mixer	Extended Basin Mixer	3-Hole Basin Mixer	Wall Mount Basin Mixer	High Spout Basin Mixer	Concealed Bath and Shower Mixer	Concealed Shower Mixer	5 Function Air-in Shower Set	250mm Round Air-in Showerhead	Ceiling Shower Arm
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FITTINGS

Product Description	Wall Mount Shower Arm	Bath Spout	Exposed Bath & Shower Mixer	Exposed Shower Mixer	Deck Mount Bath & Shower Mixer	Basin Mono	Exposed Shower Mono	Concealed Shower Mono
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ACCESSORIES

Product Description	Robe Hook	Soap Dish	Glass Holder	Toilet Brush	Tissue Holder	Towel Ring	Towel Bar	Double Towel Bar	Towel Shelf
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